

Substitute for form 1449A/PTO (Revised 10/2001)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>(Use as many sheets as necessary)</small>		<b>Complete if Known</b>	
		Application Number	To be assigned
		Filing Date	Concurrently herewith
		First Named Inventor	Halley
		Group Art Unit	1725
		Examiner Name	To be assigned
Sheet	1	of	2
		Attorney Docket Number	

#### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
Ule	1	5,366,344	11-22-1994	Gillbanks, et al.	
	2	5,682,677	11-4-1997	Mahoney	
	3	5,697,544	12-16-1997	Wykes	
	4	5,718,366	02-17-1998	Colligan	
	5	5,769,306	06-23-1998	Colligan	
	6	5,794,835	08-18-1998	Colligan, et al.	
	7	5,865,364	02-02-1999	Trask, et al.	
	8	5,971,247	10-26-1999	Gentry	
	9	6,050,474	04-18-2000	Aota, et al.	
	10	6,068,178	05-30-2000	Michisaka	
	11	6,070,784	06-06-2000	Holt, et al.	
	12	6,095,402	08-01-2000	Brownell, et al.	
	13	6,106,233	08-22-2000	Walker, et al.	
✓	14	6,168,066B1	01-02-2001	Arbegast	
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#### FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
Ule	16	EP1048390A2	11-02-2000	Fokker Aerostructures B.V.		
CHS	17	EP1057572A2	12-06-2000	Hitachi, Ltd.		
Examiner Signature				Date Considered	4/21/04	

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449B/PTO  
(Revised 10/2001)

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 2 Of 2 Attorney Docket Number 38190/266717

**Complete if Known**

Application Number	To be assigned
Filing Date	Concurrently herewith
First Named Inventor	Halley
Group Art Unit	1725
Examiner Name	To be assigned

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
<i>JLG</i>	18	Website of TWI Technology at <a href="http://www.twi.co.uk/techfile/tffricli.html">http://www.twi.co.uk/techfile/tffricli.html</a> ; 1 page dated December 8, 2000	
	19	Website of TWI Technology at <a href="http://www.twi.co.uk/connect/may00/c1063.html">http://www.twi.co.uk/connect/may00/c1063.html</a> ; 3 pages dated December 8, 2000	
	20	Website of University of Southampton, Faculty of Mathematical Studies at <a href="http://www.maths.soton.ac.uk/esgj98/problems/rolls.html">http://www.maths.soton.ac.uk/esgj98/problems/rolls.html</a> ; 1 page dated December 8, 2000	
	21	Website of MTS Systems Corporation at <a href="http://www.mts.com/acsd/AdvanMan.htm">http://www.mts.com/acsd/AdvanMan.htm</a> ; 2 pages dated December 8, 2000 (Copyright 2000)	
	22	Website of MTS Systems Corporation at <a href="http://www.mts.com/acsd/acrospace_engine.htm">http://www.mts.com/acsd/acrospace_engine.htm</a> ; 1 page dated November 13, 2000 (Copyright 2000)	
	23	Website of Inside Communications Limited at <a href="http://www.insidecom.co.uk/pwe/editorial/pwe352.htm">http://www.insidecom.co.uk/pwe/editorial/pwe352.htm</a> ; 2 pages dated November 13, 2000	
	24	Advanced Materials & Processes 2/91; Tech Spotlight, Linear friction welding joins noncircular sections; pg. 47	
<i>V</i>	25	D. L. HOLLAR, JR.; Resistance Seam Welding of Thin Copper Foils; Welding Journal; June, 1993; pages 37-40	

Examiner Signature	<i>J. C.</i>	Date Considered	<i>1/26/04</i>
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